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Usa et al.

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[54] ELECTRONIC MUSICAL INSTRUMENT
WITH MANIPULATION PLATE

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[57] ABSTRACT

An electronic musical instrument having a manipulator which includes a hand manipulator and manipulation region capable of setting a reference point and/or reference axis, adapted for generating the musical tones of a rubbed string instrument. The distance from the reference point to the position of performance manipulation and/or the angle between the line connecting the reference point with position of performance manipulation and the reference axis may be calculated to produce parameters for controlling the musical tone signal, such as the bow pressure and the direction of the bow movement.

15 Claims, 9 Drawing Sheets

